

**MATRIX FOR CIVIL AVIATION (OPERATIONS OF AIRCRAFT FOR COMMERCIAL  
TRANSPORT - AEROPLANES) REGULATIONS 2024**

| Reg. No. | 2018 Regulation Title                 | 2018 Regulation Text                                                                                                                                                                                                                                                                                                                                                                                                                                                | Proposed new text             | Stakeholder Comment | KCAA Comment                                                                                                                      |
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| 162      | General.                              | In addition to the minimum equipment necessary for the issuance of a certificate of airworthiness, the instruments, equipment and flight documents prescribed in the Civil Aviation (Instrument and Equipment) Regulations shall be installed or carried, as appropriate                                                                                                                                                                                            | Entire regulation 162 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 4(2)<br><br>Aligned with Annex 6 Part I Chapter 6.1.1 |
| 166      | All aeroplanes when operated at night | (1) All aeroplanes when operated at night shall be equipped with <ul style="list-style-type: none"> <li>a. all equipment specified in regulation 36;</li> <li>b. the lights required by the Civil Aviation (Rules of the Air) regulations for aircraft in flight or operating on the movement area of an aerodrome;</li> <li>c. two landing lights;</li> <li>d. illumination for all instruments and equipment that are essential for the safe operation</li> </ul> | Entire regulation 166 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 38<br><br>Aligned with Annex 6 Part I Chapter 6.10    |

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|          |                                | <p>of the aeroplane that are used by the flight crew;</p> <p>e. lights in all passenger compartments; and</p> <p>f. an independent portable light for each crew member station.</p> <p>(2) Specifications for lights meeting the requirements of the Civil Aviation (Rules of the Air) Regulations for navigation lights are contained in the First Schedule to these Regulations</p> <p>(3) The general characteristics of lights are specified in the First Schedule to these Regulations</p> |                               |                     |                                                                                                                                   |
| 167      | Flight recorder - general      | A pilot-in-command (PIC) shall ensure that whenever an aircraft has flight recorders installed, the recorders are operated continuously from the instant—                                                                                                                                                                                                                                                                                                                                       | Entire regulation 167 Deleted | Nil                 | <p>Regulation moved to Instruments, Equipment and Flight Documents Regulations</p> <p>Aligned with Annex 6 Part I Chapter 6.3</p> |
| 168      | Flight recorder data recovery. | All aeroplanes of a maximum certificated take-off mass of over 27 000 kg and authorized to carry more than nineteen passengers for which the application for type certification is submitted to a Contracting State the Authority on or after                                                                                                                                                                                                                                                   | Entire regulation 168 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 29                                                    |

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|          |                                                                                  | 1 January 2021, shall be equipped with a means approved by the Authority, to recover flight recorder data and make it available in a timely manner                                                                                                            |                               |                     | Aligned with Annex 6 Part I Chapter 6.3.6                                                                                      |
| 169      | All aeroplanes in icing conditions                                               | All aeroplanes shall be equipped with suitable de-icing or anti-icing devices when operated in circumstances in which icing conditions are reported to exist or are expected to be encountered.                                                               | Entire regulation 169 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 35<br><br>Aligned with Annex 6 Part I Chapter 6.8  |
| 170      | Aeroplanes required to be equipped with ground proximity warning systems or GPWS | All turbine-engined aeroplanes of a maximum certificated take-off mass in excess of 5 700 kg or authorized to carry more than nine passengers shall be equipped with a ground proximity warning system which has a forward-looking terrain avoidance function | Entire regulation 170 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 42<br><br>Aligned with Annex 6 Part I Chapter 6.15 |
| 171      | Microphones.                                                                     | All flight crew members required to be on flight deck duty shall communicate through boom or throat microphones below the transition level or altitude                                                                                                        | Entire regulation 171 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 48<br><br>Aligned with Annex 6 Part I Chapter 6.21 |
| 172      | Location of aeroplane in distress                                                | <u>As of 1<sup>st</sup> January 2025</u> All aeroplanes of a maximum certificated take-off mass of over 27 000 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2024 <sup>3</sup> , shall                       | Entire regulation 172 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 45                                                 |

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|          |                                                                                                 | autonomously transmit information from which a position can be determined by the operator at least once every minute, when in distress, in accordance with the Eighth Schedule of these regulations applicable to location of aircraft in distress.                                       |                               |                     | Aligned with Annex 6 Part I Chapter 6.18                                                                                                  |
| 173      | Aeroplanes equipped with automatic landing systems, HUD or equivalent displays, EVS, SVS or CVS | Where aeroplanes are equipped with automatic landing systems, a HUD or equivalent displays, EVS, SVS or CVS, or any combination of those systems into a hybrid system, criteria for the use of such systems for the safe operation of an aeroplane shall be established by the Authority. | Entire regulation 173 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 79.<br><br>Aligned to comply with Annex 6 Part I Chapter 6.24 |
| 174      | EFBs-equipment                                                                                  | . Where portable EFBs are used on board an aeroplane, the pilot-in-command or the operator or the owner shall ensure that they do not affect the performance of the aeroplane systems, equipment or the ability to operate the aeroplane                                                  | Entire regulation 174 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 93<br><br>Aligned with Annex 6 Part I Chapter 6.25            |
| 175      | EFBs – functions                                                                                | Where EFBs are used on board an aeroplane the pilot-in-command or the owner or the operator shall:                                                                                                                                                                                        | Entire regulation 175 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 94<br><br>Aligned with Annex 6 Part I Chapter 6.25            |
| 176      | EFB specific approval                                                                           | When issuing a specific approval for the use of EFBs, the Authority shall ensure that                                                                                                                                                                                                     | Entire regulation 176 Deleted | Nil                 | Regulation moved to Instruments, Equipment                                                                                                |

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|          |                                                       |                                                                                                                                                                                     |                               |                     | and Flight Documents Regulations 95<br><br>Aligned with Annex 6 Part I Chapter 6.25                                             |
| 177      | Communication equipment                               | An aeroplane operated in accordance with the instrument flight rules or at night shall be provided with radio communication equipment                                               | Entire regulation 177 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 97<br><br>Aligned with Annex 6 Part I Chapter 7.1   |
| 178      | Navigation equipment                                  | An aeroplane shall be provided with navigation equipment which will enable it to proceed:                                                                                           | Entire regulation 178 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 57<br><br>Aligned with Annex 6 Part I Chapter 7.2.1 |
| 179      | Performance-based navigation or PBN                   | For operations where a navigation specification for PBN has been prescribed, an aeroplane shall, in addition to the requirements specified in regulation 53                         | Entire regulation 179 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 58<br><br>Aligned with Annex 6 Part I Chapter 7.2.2 |
| 180      | Minimum navigation performance Specifications or MNPS | For flights in defined portions of airspace where, based on regional air navigation agreement, MNPS are prescribed, an aeroplane shall be provided with navigation equipment which5 | Entire regulation 180 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 59                                                  |

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|          |                                             |                                                                                                                                                                                                                                                                                                                                                                                                          |                               |                     | Aligned with Annex 6 Part I Chapter 7.2.5                                                                                       |
| 181      | Reduced vertical separation minimum or RVSM | For flights in defined portions of airspace where, based on regional air navigation agreement, an RVSM of 300 m or 1 000 ft is applied between FL 290 and FL 410 inclusive                                                                                                                                                                                                                               | Entire regulation 181 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 60<br><br>Aligned with Annex 6 Part I Chapter 7.2.6 |
| 182      | Surveillance equipment                      | For operations where surveillance equipment is required to meet an RSP specification for performance-based surveillance (PBS), an aeroplane shall, in addition to the requirements specified in sub-regulation                                                                                                                                                                                           | Entire regulation 182 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 62<br><br>Aligned with Annex 6 Part I Chapter 7.3   |
| 183      | Electronic navigation data management       | An operator shall not employ electronic navigation data products that have been processed for application in the air and on the ground unless the Authority has approved the operator's procedures for ensuring that the process applied and the products delivered have met acceptable standards of integrity and that the products are compatible with the intended function of the existing equipment | Entire regulation 183 Deleted | Nil                 | Regulation moved to Instruments, Equipment and Flight Documents Regulations 64<br><br>Aligned with Annex 6 Part I Chapter 7.5   |